Mt. Diablo Amateur Radio Club

CARRIER

Volume XLIII | W6CX | March 1996

March Meeting
***
Auction

Friday, March 15th
7:00 pm
Our Savior's Lutheran Church
1035 Carol Lane
Lafayette, CA

March 15, 1995 is the first of two auctions this year.

As you may or may not know, the proceeds from our two auctions a year are a major source of fund raising for MDARC.

These auctions are sucessful because of a group of very dedicated club members who are responsible for all of the organizational matters that are required to make these events run smoothly. But there is another reason our auctions have met with such great sucess, and that is all of you club members and fellow Hams out there that bring items to sell or donate equipment to the club to be sold.

We ask for your help and support once again, so mark March 15 down on your calender and either bring things to sell or better yet donate something to the club so that we can sell it and make more profit for club projects.

Doors open at 6:00 P.M. for setup with the auction begining at 7:00 P.M. and ending promply at 10:00 P.M

Larry's Lines

Larry Gansz, KB2GV

As spring approaches we begin a very busy and rewarding season for MDARC. Public service events include horse and bicycle rides, walks, runs, and parades. Then there is the picnic, Field Day, hamfests, flea markets, auction, classes, and Pacificon all coming your way. There's the enthusiasm of participation, the excitement (and at the same time apprehension) of something new, the satisfaction from contributing and helping people, and the self-reward of feeling good for doing the right things right.

Spring cleaning: don't forget the auction this month. That left over thingamajig may be just what someone needs to go with their whatchamacallit. Promote and support our auctions; they are a major source of club funds and provide a valuable service for members and many other hams and families in the Bay Area. New and long time hams alike find good deals and learn about equipment. Besides, the auctions can be a lot of fun!

OK, so businesswise, what's on the agenda? The board members are reviewing the Vision and Planning Committee report for discussions at this month's board meeting. We have two of the committees started. The Bylaws group will report this month, and the Public Relations group is forming. Why is public relations at the top of the list? It relates to almost everything we do in the club. It's far reaching and may be the most important action we can set forth at this time to improve the future of amateur radio and strengthen our hobby. While we must keep abreast of technical advances and train our members and recruits, continuing to support the public in our service roles and informing the general population provides strength and reinforces support for the future.

See ya on the air, 73's, Larry, KB2GV

Don't forget to wear your MDARC badges to all club activities, especially club meetings!

JOHN Q. HAM
W6XYZ
MT. DIABLO A.R.C.

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Mt. Diablo Amateur Radio Club W6CX

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The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and space is available.

All material must be submitted to the editor by the first of day of the month of publication. Material is accepted on a first-in, first-out basis. Articles and other material may be submitted via Internet email to nj6a@ccnet.com (preferred), via packet to NJ6A@KD4CVR, or delivered to the editor at the address listed below. Material will be accepted in plain ASCII, Word for Windows, or WordPerfect format. Material may also be submitted as hardcopy.

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Final 1996 Budget and Year to Date

This reflects the final 1996 budget and year to date results effective 2/12.

INCOME	Budget	Year to Date
Auction	$2,500	
Christmas Party	$2,400	
Door Prizes	$1,500	$121
Education	$250	
Insurance	$600	
Interest	$300	$29
Membership Dues	$8,000	$6,880
Patches/T-shirts	$125	
Refreshments	$700	$37
Pacificon 1996	$10,000	
Total Income	$26,375	$7067
Expenses		
Auction	$1,000	
Carrier Postage	$1,500	
Carrier Printing	$6,000	
Christmas Party	$2,400	
Door Prizes	$1,500	$136
Education	$250	
Field Day	$450	
Insurance	$1,800	
Membership	$1,800	
Patches/T-shirts	$125	
Picnic	$500	
Refreshments	$600	$33
Rent/Coffee	$900	
State Filing Fees	$30	
Telephone	$125	$60
Christmas Awards	$300	
Christmas Prizes	$300	
Speaker Gratuities	$150	
Total expenses	$19,730	$229
Capital Projects		
Scholarship/Schools and Libraries	$2,500	
Reserve	$4,145	

Internet

MDARC AND PACIFICON TO GET WEB PAGES

CONCORD—The saying goes, "Good things come to those who wait." After several months of waiting, and exploring, the Board of Directors has selected a Web Page provider for MDARC and **PACIFICON '96**.

After hearing a presentation by club member Andy Coy, KD6LNS, and Paul Hyde at its February 19th meeting, Trinity Partners, Inc. owners of TPiNet, was selected to provide Web page services for the club.

Coy, chief executive officer of the Walnut Creek based company, offered the service to the club at no charge. Additionally, he offered a sliding scale incentive for the club selecting TPiNet as its "preferred provider." Essentially this boils down to a rebate for every club member who signs up with TPiNet's internet service.

While TPiNet was selected to provide the Web page, the board gratefully acknowledged the offers of Design Link which now provides the club with a BBS service and internet link and the Alameda County ARES/RACES group. They also acknowledged Greg Nelson, WB6MBD, who offered to design the Web page for the club.

Nelson will have a major input into the design of the page working with TPiNet.

The Web page on the internet will give MDARC and **PACIFICON '96** significant exposure to other amateur radio operators around the world, within the United States and in local communities. It is expected that the page will contain lots of information about MDARC and **PACIFICON '96** and will also contain hypertext links to other amateur radio related sites, such as TCP/IP groups, callsign look-up systems, the ARRL, service providers etc.

Ultimately membership lists, and even stories that now appear in ***the Carrier*** could be part of the Web page and hypertext links.

Design, formatting and uploading information for the Web page is expected to take between four and six weeks, although a "construction" site may be up sooner.

TPiNet has an unlimited internet access rate of $15.95 per month. The company has a Walnut Creek site access number, and according to Paul Hyde of Trinity Partners, Inc., other areas with local phone numbers will be added in the near future. Club members who sign up for TPiNet service should notify club treasurer Greg Estep.

To sign up for TPiNet service, call (510) 952-3908.

Paul Girard, KC6TZU, newly named public relations chairman of the club will coordinate information going on the Web page.

ROCKY RIDGE UNVEILS ITS OWN SWEATSHIRT

The Rocky Ridge Repeater Group has unveiled its own "fashion wear" in limited quantities. The unveiling was done at the last general membership meeting of MDARC.

Paul Girard, KC6TZU, showed an awed crowd a dark plum color sweatshirt with the official Rocky Ridge Repeater Group logo handsomely embroidered on the back of the shirt in maroon, copper and brass colors. The logo measures eight inches in diameter. The design was selected about three years ago following an RRRG competition.

The logo says Rocky Ridge Repeater Group around the outside ring. An inner ring gives the frequencies of the three club repeaters. The center depicts Mt. Diablo with a bolt of electricity through the initials RRRG. "This is an outstanding piece of embroidery on a class-act shirt," said Jim Tittle, president of the RRRG.

The stylish shirts are "Cross Creek" by the Russell Corporation and are manufactured in the United States, Girard said. The shirts are heavyweight 60 percent cotton and 40 percent polyester.

The shirts, embroidered by North American Embroidery of Reno Nevada are in limited supply and will be sold for $36 each. A total of 60 shirts are available, Girard said, but the order will not be placed until all are spoken for by RRRG members. He said he expects a sell-out, and urged members to act quickly or be left in the cold.

Members interested in the shirts may place an order by filling out the attached form and sending it with a check made payable to RRRG.

TO: RRRG
P.O. BOX 23222
PLEASANT HILL CA 94523

NAME:	CALL SIGN	PHONE:
ADDRESS	CITY:	ZIPCODE
SIZE: M L XL XXL	QUANTITY:	TOTAL x $36

Expand Your Horizon

Ignacio Huerta

This month I'm going to take a detour from our journey into new worlds and talk about internet providers. These are the companies that provide you with an internet connection for your home or business.

First of all: Buyer Beware!!! Ever since Al Gore started marketing the Information Highway the process of finding a good internet provider has become much like buying a car. What you get is not necessarily what you asked for, and the exact same services may be offered by two different providers for two VERY different prices. In this month's article I'll cover some of the caveats which will help you find a reasonable provider.

The most important decision to be made is whether you really need the internet. As a professional scientist and sometimes practicing engineer I have no choice since the internet is the de facto method of communicating scientific and technical information. However the internet may not be the best communication method for

you. Let's consider how the internet developed and what you can do with it today.

Along with the electronics and scientific development explosion over the last few decades there came a need to quickly disseminate information. This started with the military and DoD companies (Milnet), expanded to the Universities (Arpanet), and then much later evolved to include commercial companies and private users giving rise to the present day Internet. The common name 'Internet' actually refers to two things: an existing global network and a well defined set of network protocols. The Internet network is what electronically links everyone in the Internet universe. The Internet protocols is what allows everyone to use a common set of software such as Netscape to interface to the network.

What makes the Internet so special is that everyone agreed to use the same interface. Previously everyone had their own set of hand-crafted software. Remember the days when information was accumulated and distributed via BBS's that you called up over the phone? If you needed information for a multifaceted project you had to keep lots of interface programs, one for each BBS since there was no BBS interface standard. Even then the data format was not universal so that data conversions had to be done. Needless to say this tower of Babel had to be replaced by a universal language. By agreeing on the protocols and making it relatively inexpensive to connect to a common network, hundreds of thousands of scientists, engineers, and supporting groups could talk to each other using a common software package and, most important of all, using a common data format. In my company it is very difficult to get a small group of people to agree on anything so it really is amazing how hundreds of thousands decided on the internet spontaneously (not really but almost) and voluntarily. As soon as this happened BBS's started disappearing

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and hypertext multimedia information (which required standards due to its complexity) was born on the internet.

Technical information is best conveyed using pictures, movies, and sound along with text. This is commonly referred to as multimedia information (although this is not correct technically). The internet allows for this. Today multimedia information is conveyed by what is called the World Wide Web (WWW for short, also referred to as the Web) and is the main service you should ask for when choosing an internet provider. There is an enormous amount of information on the WWW right now and IF you need some of that information then the internet is a valuable tool.

Noticed that I capitalized the word IF. The Internet marketing blitz is convincing people to sign up for internet access who later 'get lost in the Web' because they don't know what to do with all the information. As hams, however, we can beneficially use the WWW to get information on ham radio development through the Tucson Amateur Packet Radio (TAPR) and AMSAT WWW pages. QRP enthusiasts can get the latest scoop on DSP chips and SMT among other things. Digital radio hams use the WWW for accessing information on Spread Spectrum, MPEG, and the latest on protocol designs. Satellite users can obtain the most current Kepler sets along with status information on each satellite. The point is that if you need technical information then the internet is a good tool that may be used to access it. If you don't need more information, e.g. if the Carrier has all the information you need, then you don't need the internet.

If you are still interested in the internet then be sure you have the necessary equipment at home to have reasonably fast service. Today that means at least a 70MHz Pentium processor based or equivalent system with at least 8MB of ram and a 28.8KB modem. This will barely get you in but is enough to get you started. Any smaller system will cause you to wait a LONG time for WWW page information to be downloaded to your system.

Now get ready to start calling providers. The best deals are from large companies such as AT&T. If you use their long distance services they give you WWW access, email, usenet, ftp, telnet, and all the other internet services FREE (not a typo, it really is free) up to 5 hours a month. If you are going to be a heavy user then UNLIMITED access is $19.95/month. This is typical of a good internet provider. They tend to be large companies who offer the most services for the least amount of money. Unfortunately, not all providers offer good deals and some of them are actually dishonest.

Many companies call themselves internet providers although they don't offer all the services. The minimum set

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should be WWW (or Web) access, email, usenet, ftp, and telnet services. Small companies typically will excluded WWW access because it is expensive for them to set up. BBS's also claim to have internet access but they don't provide the main service, WWW access. Stay away from these companies because the internet is evolving rapidly and if they can't provide the current internet services then they probably won't be able to support their customers as the internet is enhanced.

Email is the second most important internet service. It allows you to send almost instantaneously text based messages with attachments to any other internet user. Keep in mind that as hams we can do much the same for short text messages using packet radio. As such email is not of and by itself reason enough to sign up for the internet, with one exception. Mostly for historical reasons many Special Interest Groups (SIGS) distribute information using internet email lists. Sometimes this is the only mechanism to receive their information. If this is the case with your SIG then internet access is almost mandatory.

There are several caveats with respect to email. The smaller companies don't pass on email to their users as soon as it is received but actually download it from larger providers as a block usually between midnight and 6AM. Make sure your provider passes on YOUR email instantaneously. Also, providers skimping on expenses will set up a 486 or slower system to handle email which means it might take a LONG time for it to recognize and pass on your email. Ask the provider what kind of equipment they use for providing internet services. With the current deluge of new internet users the network is becoming slow enough without having the provider compound the problem. Smaller companies tend to be the main culprits.

Usenet is also a very useful service. It is the equivalent to the SIG's on BBS but implemented on a world wide level. There are usenet groups (i.e. SIGS) for every topic imaginable. If you are going to use this service make sure that the provider offers the groups that interest you and that they keep them up hourly. Many only do it daily, or worse yet, weekly. By the way, there are some excellent ham related usenet groups specially for buying or selling used ham equipment.

In order to get the latest version of software, such as APRS, the internet FTP service is used. Usually this requires a direct internet hookup (i.e. a true provider as opposed to a company acting as an intermediary such a BBS) so that if FTP isn't offered by the provider then its best to move on to other providers. FTP is particularly important because many WWW links will fail if the service is not available.

So far we've discussed internet services where the user accesses someone else's resources. Telnet is a service that allows a user to 'logon' to another computer system and use its resources just as any local user would do. The real telnet service is bilateral in that it also allows other users to logon to your system and use your resources. However, by far and large only the unilateral telnet service is being offered by the smaller companies. This is not a big issue and might actually be safer in terms of protecting your local data. However, if you need to access email addressed to your home account using the internet link from your office then you do need the bilateral telnet capability.

There also many other internet services that are useful but not absolutely necessary. Some companies allow you to set up your own WWW page. This service is fairly new and prices range from FREE to LARGE AMOUNTS of money per month (the service is the same in both cases, however, no matter what the provider tells you). If you wait until the end of the year the competition will drive the price down to zero.

There are also services that some providers will attempt to sell you that are never necessary. Some companies charge a monthly amount for disk-space used. This is ridiculous. Make sure you get a PPP account and then your data will only be kept permanently on your PC's disk. This is not only cheaper (i.e. free) but also is much safer for your data. Some companies will charge for authoring services for creating a WWW page. Don't buy it but instead give me a call and I'll show you how easy it is to create a Web page. If the provider starts quoting setup charges just tell them that you've decided to go to another provider and see how quickly the salesperson decides to waive the setup charge!

Last but not least get the customer support number for each provider. This is important for two reasons. First, as the internet has become big business the salespeople are typically telemarketers (you know, the kind that calls just as you sit down to the dinner table) who know nothing about the internet beyond the most superficial information and as a result won't be able to answer some of the more technical questions (such as what kind of equipment they use). Second, by calling the customer support number you can measure how long they keep you on hold. I just called Netcom and the mean wait was 23 minutes (their automatic answering system told me so) and the call was NOT toll-free! This will give you an idea of how supportive the company will be when you encounter problems.

Note that companies such as Compuserve, America On-line, and Genie are not direct internet providers and also are EXTREMELY expensive. These companies have gateways to nodes of direct internet providers which slows things down considerably. Furthermore, they can't easily provide some of the internet services. Most important, however, is that their pricing structure is so expensive that I can't find any reason to buy their services. For example, I use the internet at both my offices for an average of 120 hours a month (I'm a heavy user) but don't pay more than $20/month. If I signed up with Compuserve to use the exact same services my bill would be several hundred dollars if not more. If you are a light user then you can probably get free access to the internet. Either way why give these companies your money when there still is that 2" by 4" space in your hamshack where you could buy and install one more ham gadget that you promise yourself is absolutely necessary (but probably never will use)?

Oh, yes, there is one more reason to get on the internet bandwagon. If you have young kids then you probably have noticed how much time they spend us-

ing their PC. Chances are that they have been using the internet for some time now (and you thought they were doing homework) by calling up their school system. In fact my son spends more time on the PC than talking to his parents. If this sounds familiar then get an internet account and communicate with your child via email. Better yet get Iphone and actually talk to him (no charges per minute, family members only) via voice on the internet!

Enough sidetracking! Next month we'll get back on our planned journey's path and expand our horizon by heading into space. Happy trailblazing!

MDARC Board Meeting Minutes

February 19, 1996

The board met at Emil Villa's and the meeting was called to order by Larry, KB2GV.

Greg, KE6VTA, gave the Treasurer's report and reported the club has $26,599 in the bank. The secretary read the Auditor's Report into the record and the board noted the reporting exceptions and instructed the treasurer to implement changes in policy to comply with the report. This means that an inventory of club owned equipment is to be generated and that the equipment is to be tagged and accounted for.

A question was asked in reference to the budget. The budget has no provision for any equipment or additions to the "trailer" so where is the allocated funds that have not been spent to date? The board decided that if there is need for funds to improve the trailer, a formal request should be made and the board will consider it at that time. As the trailer has been donated, there is no line item for it and no budget established for its improvement.

Larry announced that there will be a change in the doughnuts at the club meetings. A new vendor will be used and there will be a new variety of choices for members to choose from.

The board accepted the Vision Committee report and expressed thanks to all who worked on it. Board members are to review it and establish tactics to implement the strategies noted in the report.

JC Smith asked the club to obtain antennas to be used at Pacificon and other club functions for a satellite station. Dick volunteered his that are not being used and will communicate this to JC and the club will not purchase any at this time.

The remainder of the meeting was taken up with discussion of the club establishing a Web page. The next board meeting will be held at the offices of Trinity in Walnut Creek on March 18 at 7:30. The purpose of the meeting will be to tour the facilities and discuss the possibility of a club Web page. The page could be used for Pacificon, swap meet information, forums, etc. Dick Brown gave a brief introduction of the possible methods this page might be established and then Andy Coy of Trinity gave an introduction of his company and what they can provide the club.

The last piece of business covered was the appointment of Paul, KC6TZU, as Chairperson of Public Relations. This is in keeping with the Vision Committee's report and the exact duties are to be defined at a later date, but Paul is to help on issues of immediate concern including interfacing with the Pacificon public relations people already in place.

There being no other business, the meeting adjourned at 21:35 PST.

MDARC General Meeting Minutes

February 16, 1996

The meeting was started by president Larry, KB2GV, who announced that the evening's speaker had canceled, but that there was a standby speaker who would be giving the program for the evening.

The minutes of the past month's meeting were approved as published in the *Carrier*. The next piece of business was the reading of the treasurer's report by treasurer Greg, KE6VTA. He reported that the club had $26,599 in cash in its accounts and that the club is on budget so far.

E.C. Sam, KO6JR, reported that there will be no license exams at the March meeting as it is to be the club auction. Sam also reported that there will be a SET in Martinez on March 9th and a RACES basic training session in Martinez on the 23rd.

Dick Schulze, AA6DL, reported that the club has 579 paid-up members, which is a small drop over last year. Some have not renewed their membership and Dick asked that anyone who has not sent in their dues do so or see Dick at the next meeting.

Mike, KD6JTK, listed several public service events in need of operators. The list includes April 13, April 27, June 1, June 15, and June 22. If you can help on any of these, give Mike a call for the details.

Lauren, WA6CIE announced that Field Day was on, but that the exact site has not been selected. As most know, the parking lot atop of Mt. Diablo is crowded by temporary repeater equipment and we may not be able to operate from there this year. Lauren has other sites in mind and is working to obtain the best possible one for our club to use.

The floor was then turned over to Vicki, N6KLS, for a presentation on goals of the club. The presentation outlined projected mission statement and goals for the club to pursue in the future. The presentation was built around overhead slides and showed a great deal of work by all who participated. The report is to be presented to the board for their review and a a plan of implementation is to be conceived.

After the break, the RACES group from Alameda gave a presentation of the Baker to Vegas race and the roll amateur radio plays in it. N4OGL showed a video of last years race and then asked for anyone interested in being a part of this years race, operators, not runners, should call him for more details and dates.

There being no other business, the meeting was adjourned.

ing their PC. Chances are that they have been using the internet for some time now (and you thought they were doing homework) by calling up their school system. In fact my son spends more time on the PC than talking to his parents. If this sounds familiar then get an internet account and communicate with your child via email. Better yet get Iphone and actually talk to him (no charges per minute, family members only) via voice on the internet!

Enough sidetracking! Next month we'll get back on our planned journey's path and expand our horizon by heading into space. Happy trailblazing!

MDARC Board Meeting Minutes

February 19, 1996

The board met at Emil Villa's and the meeting was called to order by Larry, KB2GV.

Greg, KE6VTA, gave the Treasurer's report and reported the club has $26,599 in the bank. The secretary read the Auditor's Report into the record and the board noted the reporting exceptions and instructed the treasurer to implement changes in policy to comply with the report. This means that an inventory of club owned equipment is to be generated and that the equipment is to be tagged and accounted for.

A question was asked in reference to the budget. The budget has no provision for any equipment or additions to the "trailer" so where is the allocated funds that have not been spent to date? The board decided that if there is need for funds to improve the trailer, a formal request should be made and the board will consider it at that time. As the trailer has been donated, there is no line item for it and no budget established for its improvement.

Larry announced that there will be a change in the doughnuts at the club meetings. A new vendor will be used and there will be a new variety of choices for members to choose from.

The board accepted the Vision Committee report and expressed thanks to all who worked on it. Board members are to review it and establish tactics to implement the strategies noted in the report.

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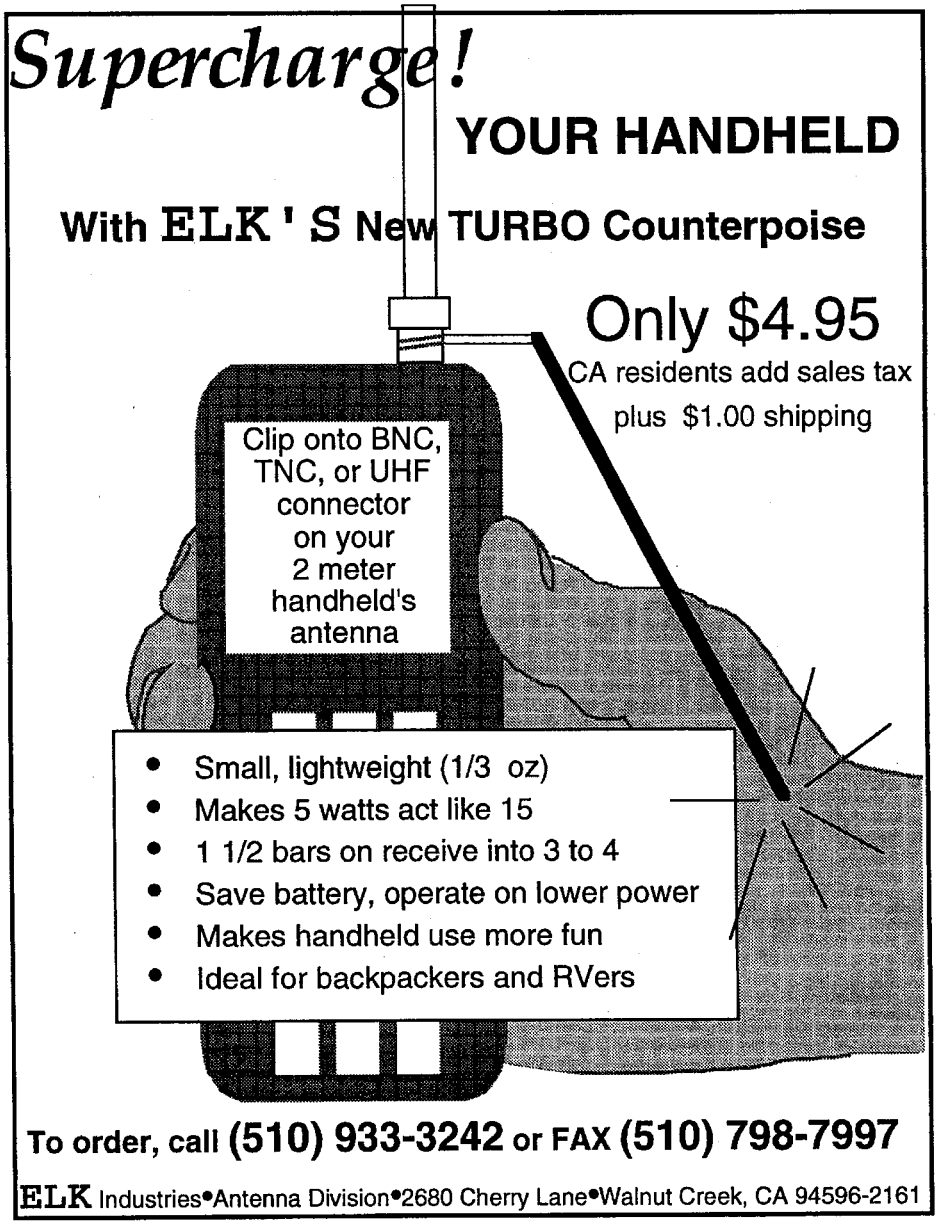
Date	Event and Location	Event Contact	# Ops.	Ham Coordinator
09/14 Sat.	Walnut Festival Parade Walnut Creek	Harry Styron	?	???
09/14 Sat.	Las Trampas Trailride Las Trampas Stables, San Ramon	Liz Leahy 510/838-7546	6	Joe Gregory, WA6DQN h 510 283-6560
09/28-29 Sat-Sun	Competition Championship Ride International Arabian Horse Assoc. Del Valle State Rec. Area; S. of Livermore	Rita Schlim 510/657-5827	16	Joe Gregory, WA6DQN h 510 283-6560
10/6 Sun.	American Diabetic Assoc. Walkathon Chevron Park, San Ramon	Mike Patterson, KE6JGA7 h 510/944-8786		Mike Patterson, KE6JGA h 510/944-8786



MEMBERSHIP DIRECTORY UPDATE

by Dick Schulze, AA6DL

MDARC is pleased to welcome the following new members:

CARLIN, Paul, KE6NVU, Technician. Joy (510)-713-9484(h)
34586 Shenandoah Pl, Fremont, CA 94555 (510)-297-5402(w)
CLAWSON, Ronald H.(Ron), KC6AZV, Technician. (510)-837-2468(h)
200 Lowell Court, Danville, CA 94526
FOUTCH, Randy, KE6HCI, Technician. Debbie (510)-623-8959(h) N6QMY(BBS)
4021 B Park Center Ln "B", Fremont, CA 94538 (510)-284-7101(w) (510)-657-0690(fx)
HARVEY, James D.(Dwight), KM6UP, Extra. Carol (707)-644-7406(h)
119 Westport Lane, Vallejo, CA 94591
JACKSON, John B.(John), KC6OMH, Technician. Pat (510)-676-9677(h)
1818 Hoover Street, Concord, CA 94521 (510)-689-1360(w) (510)-689-0936(fx)
KRUGER, Mark(Moose), KF6BPK, Technician. Kim (510)-934-5160(h)
3149 Manor Ave., Walnut Creek, CA 94596
MARR, David, KE6NCI, Technician. (510)-932-0631(h)
1743 Carmel Dr. #27, Walnut Creek, CA 94596
SLEEVY, George L., KE6PZF, Technician. (510)-682-8172(h)
22 Jib Court, Pleasant Hill, CA 94523
TRIGG, John M., KE6APX, Technician. Susan (510)-687-2850(h)
1506 Lucky Dr., Concord, CA 94519-2430 (510)-370-1280(w)
VAN BUSKIRK, Gilbert A. SR(Gil), SWL . Dorothy (510)-682-1423(h)
1659 Agadir Street, Concord, CA 94518 (510)-671-9118(w)

The following renewed after the directory was published:

BONDON, John, N6UGD, Technician. (510)-672-4109(h) N6YN.#SOCA(BBS)
1170 Redfern Ct., Concord, CA 94521 (510)-946-7075(w)
DAVIS, Paul, W6UGT, Extra. Susan KE6UIO (510)-682-9141(h) KB6AML(BBS) sejlpd@aol.com(email)
1313 Spring Meadow Lane, Concord, CA 94521
GILCHRIST, Mark, KO6QS, Advanced. Patty (510)-833-8822(h)
2840 Morgan Dr., San Ramon, CA 94583 (510)-833-8823(w)
GUNN, Ruffner B.(Ruff), KE6KTP, Technician. Rosemary (707)-374-6541(h)
P.O. Box 431, Rio Vista, CA 94571 (707)-374-2014(w) (707)-374-6876(fx)
JONES, Susan E., KE6UIO, Technician. Paul Davis W6UGT (510)-685-5179(h) sejlpd@aol.com(email)
1313 Spring Meadow Lane, Concord, CA 94521
MURRY, Mark L., KE6SAJ, Technician. (510)-672-1063(h)
5329 Paso Del Rio Way, Concord, CA 94521
NIELSEN, Alan E. Sr., WA6AGA, General.
2940 Lane Dr., Concord, CA 94518-2106 (510)-930-5550(w)
SCOTT, Michael, N6GOZ, General. (808)-927-0001(h)
733 Bishop St. #170-121, Honolulu, HI 96813 (808)-593-0600(w) (808)-593-0059(fx)
STYRON, Harry L., K6MFV, Advanced. Pamela (510)-945-6785(h)
20 Calle Este, Walnut Creek, CA 94596 (510)-932-4300(w) (510)-933-3801(fx)
SUNKEL, John E., KJ6IR, Advanced. (510)-827-3386(h)
3413 Reitz Ct., Concord, CA 94520 (510)-372-1363(w) (510)-559-5459(fx)

Please note there have been changes, shown in bold, for the following:

ARMSTRONG, Ted, KA6LCL, **Advanced**. (510)-939-4096(h) tedarm@aol.com(email)
P.O. Box 4763, Walnut Creek, CA 94596
CANNON, Stuart Q.(Stu), KE6OFD, Technician. Sue (510)-930-0411(h) **stuart@ebmud.com**(email)
3026 Bowling Green Dr., Walnut Creek, CA 94598 (510)-287-0452(w) (510)-935-3053(fx)
GOEMMEL, Dan, KQ6AR, Extra. (510)-825-6361(h) **goemmel@ix.netcom.com**(email)
1445 Loeffler Ln. #B, Concord, CA 94521
LEE, Albert, KE6SSQ, Technician. Jeanne KE6UXX **alb_lee@ix.netcom.com**(email)
111 Parkhaven Dr., Danville, CA 94506 (510)-842-6898(w)
SMITH, Peter(Pete), KQ6AS, Extra. (510)-680-7106(h) KA6FUB(BBS) **kd6lnv@ccnet.com**(email)
968 Argenta Dr., Pacheco, CA 94553

NETS

RRRG Nets

APRS Net	Tuesdays 1930 Hours 147.060/+ (100 pl) Net Control: Barry, KC6WYA
Phone Net	Thursdays 1930 Hours 147.060/+ (100 pl) Net Control: Jay Caldis, KT6Y
ATV Net	Thursdays 2000 Hours Net Control: Mike Burke, KB6RMT Alternate: Don Smith, W6NKF
Youth Net	Thursdays 1900 Hours 147.060/+ (100 pl) Net Control: Jeff Burke, KE6YAW

Contra Costa County Emergency Services HF Net
First Thursday following first Wednesday, 2000 Hours, 3.895 MHz. Net Control: Sam Lipson, KO6JR

Sheriff's Amateur Radio Communications Team
Clay Yale, N6YBQ
(510) 228-8223

Contra Costa County ARES/RACES Nets
Thursdays, 1900 Hours

Central County	145.680 Simplex Jim Brunk, N6BHX (510) 372-8248
East County	146.535 Simplex Jim Tittle, KC6SOE (510) 432-3220
South County	146.355/+ (100 pl) Greg Nelson, WB6MBD (510) 933-5381
West County	145.110/- Jim Parker, KD6JCT (510) 237-2777

QSY to 147.735/- at 1920 Hours
Meeting of all County ARES/RACES Nets

Operators Needed for Trail Ride Support

Operators are needed for the following horse trail rides.

- Sunday, April 13. Rose Peak Ride, Sunol Regional Wilderness, 6 operators needed.
- Saturday, June 1. Endurance Trailride, Mt. Diablo State Park and Morgan Territory Regional Wilderness, 6 operators needed.
- Saturday, June 15. Moraga Horsemen's Trailride, Anthony Chabot and Redwood Regional Parks, 6 operators needed.
- Saturday, June 22. Mission Peak Trailride, Sunol Regional Park, 6 operators needed.
- Saturday, September 14. Las Trampas Trailride, Chabot and Redwood Regional Parks, 6 operators needed.
- Saturday and Sunday, September 28 and 29. Competition Championship Ride, Del Valle Reservoir to Ohlone Wilderness, 8 operators needed each day, total of 16.

If you are interested in any of these events, please contact Joe Gregory, WA6DQN, at (510) 283-6560

Letters to the Editor

The program at the February meeting was supposed to be about Internet. The speaker was unable to make it. Maybe this is a sign about Internet and WorldWideWeb. What has it to do with Amateur Radio? Nothing, as far as I can see.

To me, the InterNet and WorldWideWeb along with e-Mail is just another way of helping Big Brother.

Barry Winkler has offered to hold a packet class and is having trouble getting enough interested people to hold the class. Packet Radio is a part of Amateur Radio as opposed to InterNet which does not utilize radio. Let's get going on packet and if anyone wants to use the InterNet, fine, but don't confuse the InterNet with PacketRadio.

We should be promoting Amateur Radio, not something that is not a part of Amateur Radio.

Walter W. Ebbett, Jr., KB6QIB

Far from having nothing to do with amateur radio, the Internet has a growing list of resources available to radio amateurs. Callsign servers, DX Clusters, DX QSL manager servers, solar flux data, packet radio gateways and several newsgroups devoted to amateur radio are just a few of the resources available to amateurs with Internet access. The Internet offers a fast, reliable means to send mail and data around the world. Data rates on the Internet range from 14.4 Kbaud at the low end to several megabytes per second on the high end. This contrasts sharply with the amateur packet network, which usually seems like 10 bits per second. - Ed.

CALENDAR OF EVENTS

March 15	7:00 pm	MDARC Auction	Our Savior's Lutheran Church 1050 Carol Lane, Lafayette
March 18	7:30 pm	MDARC Board Meeting	Offices of Trinity Partners
March 20	7:30 pm	RRRG General Membership Meeting	Stonebrook Convalescent Center 4367 Concord Blvd., Concord
March 30	9:00 am-Noon	Fairfield Ham Exams Dick, AB6EY, (916) 791-0268	Fairfield Senior Center 1200 Civic Drive, Fairfield Last Saturday of each Month
March 31		April Carrier Deadline	
April 3	7:30 pm	RACES Monthly Meeting	Bakers Square on Willow Pass Road 1st Wednesday every month
April 7	7:00 am-Noon	Livermore Swapmeet	Las Positas College, Livermore 1st Sunday every month

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523

OAKLAND, CA
MAR 8
PM
1996
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First Class Mail

JOSEPH T. GREGORY , WA6DQN
3550 Eastview Drive
Lafayette, CA 94549-4944

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RRRG Meeting Mar. 20